

Converting Colors

CIELCh(88, 42.216, 100.555)

Have a look what the booklet for
CIELCh(88, 42.216, 100.555)
contains.

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Color

CIELCh(88, 42.216, 100.555)

Conversions

Conversions Part 1

Format	Color
Hex	EADF8D
RGB	234, 223, 141
RGB Percent	92%, 87%, 55%
CMY	0.0830, 0.1261, 0.4477
CMYK	0.00, 0.05, 0.40, 0.08
HSL	53°, 69%, 73%
HSV	53°, 40%, 92%
XYZ	65.0119, 72.0653, 35.6205
YIQ	216.9410, 32.8780, -23.1700

Conversions

Conversions Part 2

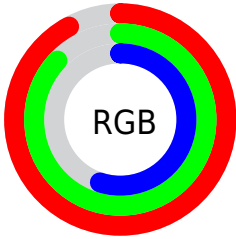
Format	Color
RYB	153, 234, 141
Decimal	15392653
CIELab	88.00, -7.73, 41.50
CIELCh	88, 42.216, 100.555
Yxy	72.0653, 0.3764, 0.4173
Android (android.graphics.Color)	4293582733 (0xFFEADF8D)
YUV	216.9410, -37.4389, 14.9607
Hunter-Lab	84.8913, -11.8599, 34.5457

Details

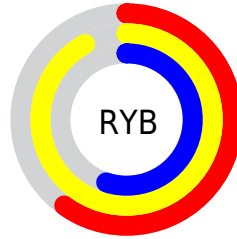
The CIELCh color **88, 42.216, 100.555** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **65, 45.579, 290.713**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.728, 107.918**, and **68, 42.338, 100.443** is the 20% darker color. If you saturate the color by 10%, you get **87, 52.357, 99.455**, and if you desaturate by 10%, it is **89, 31.743, 101.670**.

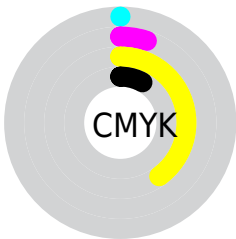
Distribution



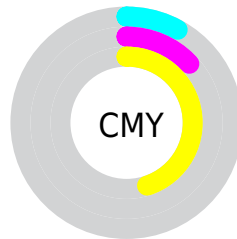
- Red (92%)
- Green (87%)
- Blue (55%)



- Red (60%)
- Yellow (92%)
- Blue (55%)



- Cyan (0%)
- Magenta (5%)
- Yellow (40%)
- Black (8%)





- Cyan (8%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 42.216, 100.555 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 88, 42.216, 100.555 by changing the saturation by 10% instead.


 88, 42.216,
100.555


 88, 42.216,
100.555


 100, 42.216,
100.555


 78, 42.216,
100.555

 68, 42.216,
100.555

 58, 42.216,
100.555

 48, 42.216,
100.555

 38, 42.216,
100.555

 28, 42.216,
100.555

 18, 42.216,

100.555

■ 8, 42.216, 100.555

■ 0, 42.216, 100.555

■ 88, 42.216,
100.555

■ 88, 42.216,
100.555

■ 87, 52.357, 99.455

■ 89, 31.743,
101.670

■ 86, 61.878, 98.376

■ 90, 21.110,
102.775

■ 85, 70.338, 97.336

■ 84, 77.120, 96.348

■ 91, 10.421,
103.857

■ 84, 81.551, 95.408

■ 93, 0.261, 285.427

■ 83, 83.496, 94.492

■ 94, 9.488, 285.080

83, 83.532, 94.471

95, 8.208, 277.348

95, 7.127, 267.074

96, 6.347, 253.789

97, 5.982, 237.950

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88, 42.216, 100.555



65, 45.579, 290.713

Rectangle

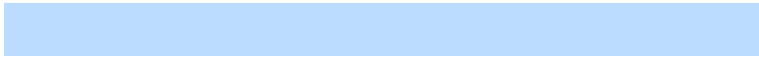
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 42.216, 100.555



88, 42.216, 150.555



88, 42.216, 280.555



88, 42.216, 330.555

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88, 42.217, 100.559



98, 13.743, 103.612



69, 37.722, 13.272



52, 9.117, 103.471



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 42.217, 100.559



94, 54.274, 99.624



88, 49.041, 122.180



49, 6.078, 103.889



66, 69.053, 94.622



19, 27.592, 96.435

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65, 45.579, 290.713



64, 60.007, 292.476



65, 52.913, 306.806



45, 6.180, 285.988



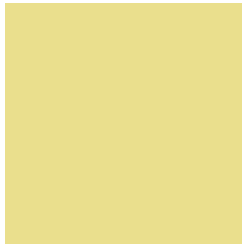
23, 97.343, 304.580



4, 32.810, 295.459

Previews

White Background



This preview shows how the CIELCh color 88, 42.216, 100.555 looks on a white background.

Color Contrast Check

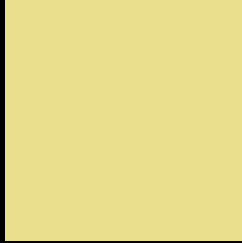
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 88, 42.216, 100.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

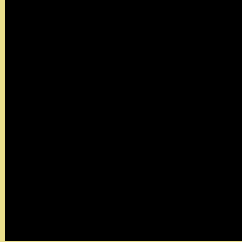
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 42.216, 100.555

Background



This preview shows how black text looks on a background with the CIELCh color 88, 42.216, 100.555.

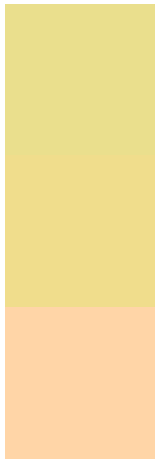


This preview shows how white text looks on a background with the CIELCh color 88, 42.216, 100.555.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
88, 42.216, 100.555

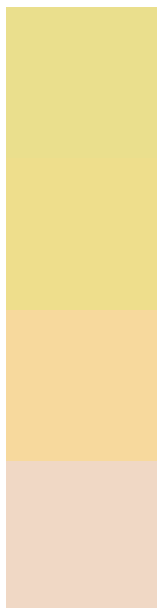
Protanopia
88, 42.303, 96.077

Deuteranopia
88, 29.474, 73.393



Tritanopia
88, 14.565, 343.065

Trichromacy



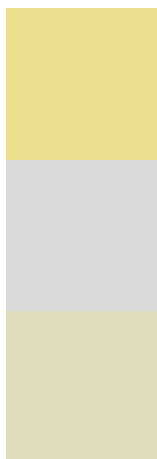
Original Color
88, 42.216, 100.555

Protanomaly
88, 42.535, 97.795

Deuteranomaly
88, 33.467, 86.346

Tritanomaly
88, 13.467, 66.811

Monochromacy



Original Color
88, 42.216, 100.555

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 15.676, 103.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 42.216, 100.555 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(234, 223, 141)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(234, 223, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 42.216, 100.555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(234, 223, 141) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(234, 223, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(234, 223, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 141);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 42.216, 100.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(234,  
223, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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